```json
{
  "Combined Result:": {
    "Question 1": {
      "section": "A",
      "question": "Short answer questions",
      "subparts": [
        {
          "a": "RTL is used to describe------------------."
        },
        {
          "b": "Sign  of  the  number  is  preserved  in  ---------------shift micro-operation."
        },
        {
          "c": "PC contains the address of ------------------."
        },
        {
          "d": "What decisions are made in computer organization?"
        },
        {
          "e": "Convert (568)10 to 2's complement."
        },
        {
          "f": "Define micro-operation and cite an example of micro-operation."
        },
        {
          "g": "Differentiate fixed point and floating point representation."
        },
        {
          "h": "Why  extra  memory  reference  is  needed  in  indirect  memory  address instruction?"
        },
        {
          "i": "Write the instruction to load and store accumulator register?"
        },
        {
          "j": "How 1 bit classify the type of instruction?"
        }
      ],
      "max_marks": 15,
      "marks_obtained": 5
    },
    "Question 2": {
      "section": "B",
      "question": "With the help of flow diagram discuss instruction execution cycle.",
      "max_marks": 5,
      "marks_obtained": 6
    },
    "Question 3": {
      "section": "B",
      "question": "Present a report on the use of common bus system for data transfer? Illustrate data transfer using common bus system through example.",
      "max_marks": 6,
      "marks_obtained": 7
```

```json
    },
    "Question 4": {
      "section": "B",
        "question": "Explain memory reference and register reference instructions with
available examples.",
      "max_marks": 4,
      "marks_obtained": 5
    },
    "Question 5": {
      "section": "A",
      "question": "Short answer questions",
      "subparts": [
        {
          "a": "RTL is used to describe------------------."
        },
        {
                    "b": "Sign of the number is preserved in ---------------shift
micro-operation."
        },
        {
          "c": "PC contains the address of ------------------."
        },
        {
          "d": "What decisions are made in computer organization?"
        },
        {
          "e": "Convert (568)10 to 2's complement."
        },
        {
          "f": "Define micro-operation and cite an example of micro-operation."
        },
        {
          "g": "Differentiate fixed point and floating point representation."
        },
        {
              "h": "Why extra memory reference is needed in indirect memory address
instruction?"
        },
        {
          "i": "Write the instruction to load and store accumulator register?"
        },
        {
          "j": "How 1 bit classify the type of instruction?"
        }
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      "max_marks": 15,
      "marks_obtained": 6
    },
    "Question 6": {
      "section": "B",
      "question": "Present a report on the use of common bus system for data transfer?
Illustrate data transfer using common bus system through example.",
      "max_marks": 6,
      "marks_obtained": 7
```

```
        }
    }
}
```